

Iowa Crops & Weather



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Iowa Statistical Office

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High Temperatures and Widely Varied Rainfall

While most Northern counties received adequate to excessive amounts of rainfall this past week, Southern and East Central counties fell below normal. Rainfall varied, but temperatures were consistently above normal with highs into the 90's. Flooding, erosion and ponding occurred in Northern counties, while reporters in Southern counties observed heat stressed corn fields. As conditions permitted, farmers were busy spraying and cultivating fields and baling hay.

There were 5.7 **days suitable for fieldwork**, compared to 5.9 days the previous week and 4.3 days last year at this time. **Topsoil moisture** rated 7 percent very short, 26 percent short, 58 percent adequate, and 9 percent surplus across Iowa. **Subsoil moisture** rated 4 percent very short, 19 percent short, 68 percent adequate, and 9 percent surplus.

Field Crops Report: **Corn condition** was rated 1 percent very poor, 4 percent poor, 18 percent fair, 57 percent good, and 20 percent excellent. The corn stand was rated at 94 percent of normal, the same as the previous week and 1 percentage point above the 5-year average. Average corn height was reported at 36 inches, up 13 inches from a week ago. **Soybean emergence** was virtually complete. **Soybean condition** was rated 1 percent very poor, 4 percent poor, 21 percent fair, 56 percent good, and 18 percent excellent. The **oat acreage headed** was 95 percent, compared to 81 percent the previous week and 8 percentage points ahead of the 5-year average of 87 percent. **Oat condition** was rated 5 percent poor, 18 percent fair, 60 percent good, and 17 percent excellent. The **first cutting of alfalfa** was 99 percent complete, compared to 91 percent the previous week and 90 percent last year. The **second cutting of alfalfa** was 10 percent complete which was 4 percentage points above the previous year. **Hay condition** was 1 percent very poor, 4 percent poor, 26 percent fair, 56 percent good, and 13 percent excellent.

Livestock, Pasture, and Range Report: Overall, livestock conditions were good although reduced gain from heat stress was reported. **Pasture**

and range condition was rated 2 percent very poor, 9 percent poor, 28 percent fair, 52 percent good, and 9 percent excellent. Conditions in the Northern counties were far more favorable than the dry, browning pastures reported in some Southern areas

Iowa Weather Summary

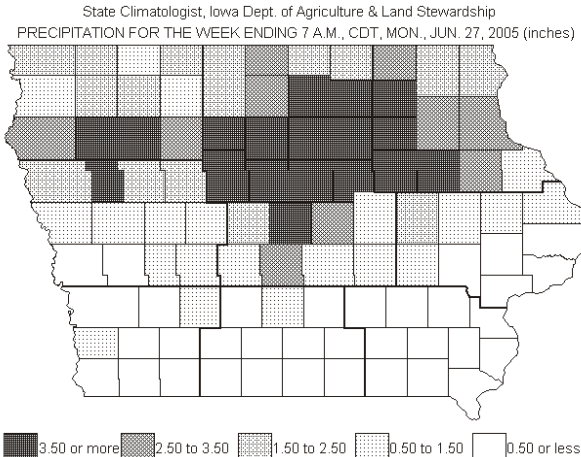
It was a hot week across Iowa with extremely variable rainfall. Daytime temperatures were in the 90's somewhere in Iowa on every day of the past week. Hottest days were Wednesday (22nd), Thursday (23rd) and Sunday (26th) when all but a few locations reached the 90's. Temperatures averaged 6.8 degrees above normal for the week. Temperature extremes ranged from a Monday (20th) morning low of 54 degrees at Decorah to a Thursday (23rd) afternoon high of 99 degrees at Sioux City.

Thunderstorms were scattered across the northwest one-half of Iowa on Monday (20th) with high winds reported from 21 counties. Dry weather prevailed over nearly all of the state from Tuesday (21st) through Thursday (23rd). More widespread thunderstorm activity on Friday (24th) into Saturday (25th) morning brought torrential rains to parts of northwest Iowa from Le Mars to Fort Dodge. Thunderstorms were also widespread across much of northern and central Iowa on Saturday (25th) into Sunday (26th) morning.

The weekend storms brought much needed rainfall to northeast Iowa and portions of east central Iowa but caused flooding along much of the corridor along US Highway 20 and Iowa Highway 3. Unfortunately southeast Iowa missed the rains entirely causing worsening drought conditions there. The statewide average rainfall was 1.62 inches for the week or about 50% above the weekly normal of 1.08 inches. Weekly rain totals varied from 8.50 inches at Fort Dodge to none at such locations as Shenandoah, Lamoni, Ottumwa, Burlington, Iowa City and Davenport.

Statewide Crop Conditions as of June 26, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	4	18	57	20
Hay, all	1	4	26	56	13
Oats	0	5	18	60	17
Range & Pasture	2	9	28	52	9
Soybeans	1	4	21	56	18



Field Work and Crop Progress as of June 26, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, average tallest height	43	40	45	49	51	54	53	56	58	48	32	47	NA
Corn, average height	33	29	34	37	39	42	39	42	41	36	23	35	NA
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn stand (normal = 100%)	95	93	95	94	94	96	93	96	95	94	94	93	NA
Oats headed	90	90	92	95	97	98	99	99	97	95	81	91	87
Oats turning color	8	8	22	19	20	18	27	19	25	20	NA	14	14
Hay, alfalfa - second crop harvested	9	3	7	6	10	13	10	8	20	10	NA	6	6

NA=not available

Days Suitable & Soil Moisture Condition as of June 26, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Days suitable	4.3	4.5	6.0	5.9	5.6	6.3	6.5	6.8	6.8	5.7	5.9	4.3
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	0	0	9	5	4	15	1	13	16	7	1	0
Short	4	3	20	24	18	33	32	43	45	23	16	2
Adequate	85	77	61	55	63	52	66	43	39	61	78	79
Surplus	11	20	10	16	15	0	1	1	0	9	5	19
Subsoil moisture												
Very short	0	0	7	2	4	10	3	2	6	4	2	0
Short	2	3	30	20	14	31	17	28	35	19	13	4
Adequate	84	78	58	64	68	59	79	66	58	68	77	77
Surplus	14	19	5	14	14	0	1	4	1	9	8	19

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, June 26, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	94	65	77	8	1.27	0.32	9.49	-0.18	194	57
	94	62	79	8	0.68	-0.37	10.36	0.60	203	51
	95	64	79	9	0.86	-0.05	10.86	1.23	204	60
	92	62	77	8	0.99	-0.03	11.84	2.53	189	28
Britt Humboldt Mason City Northwood	North Central District									
	91	64	76	5	2.30	1.23	16.30	5.86	183	31
	91	63	76	5	6.37	5.26	16.11	5.35	181	33
	94	62	77	8	3.50	2.45	16.72	5.75	192	50
	93	63	76	7	3.46	2.48	16.11	5.85	184	41
Decorah Dubuque Elkader Independence Waterloo	North East District									
	94	54	77	7	1.73	0.73	10.27	-0.68	188	46
	92	55	76	7	1.29	0.34	7.90	-3.69	181	44
	94	55	75	6	1.63	0.72	9.15	-1.36	178	16
	92	57	76	7	2.27	1.19	13.14	1.96	186	21
	94	55	77	7	5.37	4.30	13.16	1.95	191	46
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	91	59	75	3	0.55	-0.43	12.81	1.50	178	19
	94	64	78	7	1.58	0.44	10.59	-1.31	197	47
	91	64	77	5	0.92	-0.09	12.59	1.74	188	42
	94	63	78	7	1.39	0.29	17.29	5.55	198	47
	92	64	77	5	0.24	-0.78	10.91	-0.39	193	42
	95	59	78	7	1.40	0.26	8.99	-2.91	196	46
	94	66	79	6	0.39	-0.59	13.37	2.16	203	40
	91	63	77	5	2.43	1.38	13.80	3.04	188	30
	99	65	81	9	1.29	0.45	10.93	1.69	217	59
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	94	59	78	8	2.70	1.53	11.40	-0.56	197	52
	94	54	77	6	1.16	-0.05	9.42	-2.97	189	41
	95	63	80	7	1.56	0.51	14.33	3.42	208	43
	93	62	77	7	3.83	2.67	13.00	1.48	193	45
	92	58	77	6	2.95	1.83	12.89	1.54	190	41
	95	57	77	6	0.75	-0.30	13.29	1.86	193	37
	94	62	78	7	1.90	0.80	13.16	1.60	195	45
	92	58	76	6	1.52	0.47	10.96	-0.64	184	40
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	93	55	77	6	2.17	1.10	10.02	-0.83	193	41
	93	56	77	5	0.00	-1.02	3.70	-7.01	193	32
	96	58	80	7	0.00	-1.11	6.58	-5.05	215	48
	95	52	77	6	0.70	-0.42	6.77	-5.29	190	39
	94	53	75	5	0.10	-0.97	5.08	-5.97	178	32
	94	60	77	5	0.82	-0.23	7.63	-3.55	193	52
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	93	58	78	6	0.00	-1.10	14.58	2.59	200	38
	94	64	79	6	0.45	-0.60	13.01	1.22	207	45
	93	64	78	7	0.47	-0.61	11.40	0.29	201	49
	94	66	80	6	0.00	-1.19	11.27	-1.17	209	39
	93	63	79	6	0.00	-0.98	12.11	1.09	206	37
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	90	56	76	4	0.00	-1.05	9.34	-1.84	181	52
	91	57	76	6	0.00	-1.05	12.50	1.48	187	35
	92	50	76	5	0.00	-1.16	10.99	-0.76	183	32
	90	58	77	5	0.60	-0.45	14.12	2.41	188	34
	92	52	76	4	0.00	-0.98	9.15	-2.64	181	28
Bloomfield Burlington Otumwa	South East District									
	92	57	78	5	0.04	-0.94	11.80	0.50	196	32
	94	57	78	6	0.00	-0.98	8.08	-2.70	200	36
	93	58	78	5	0.00	-0.91	9.02	-1.48	197	31

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.